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VII. Observatio Eclipsæ Lunaræ totalis cum mora, habita *Wittembergæ*, 1750, die 19 *Junii*, tubo 6 ped. pro correctione horologii, quadrante telescopico 18 digitorum, altitudines Solis correspondentes die 19 *Junii*, per *G. M. Bose*, Physic. Prof. *Wittembergæ*, &c.

Read Nov. 22, 1750.

h	'	"	alt.	dis	h	'	"	h	'	"	h	'	"		h	'	"
8	11	4	38°	34	3	47	40	22	58	44	11	59	22	hinc merities	11	59	26
	12	30	38	44		46	9		58	39		59	19½	correctio ob declin. solis		—	3
	18	17	39	40		40	31		58	48		59	24	merities correct.	11	59	25
	20	23	40	0		38	39		59	2		59	31	et correctio horologii		+	37
	23	30	40	25		35	17		58	47		59	23½				
	27	36	41	0		31	23		58	59		59	29½				
	29	4	41	15		30	2		59	6		59	33				

Cælum ortum versus densis semper nubibus tectum. Tandem

temp. horol.	temp. corr.				
h	"	h	"		
10	50	0	10	50	37
	54	0		54	37
	58	13		58	50
11	0	22	11	0	59
	3	36		4	13
	6	3		6	40
	9	53		10	30
	12	1		12	38
	14	8		14	45
	16	9		16	46
	18	32		19	9
	20	40		21	17
	23	7		23	44
	25	16		25	53

Luna ad momentum visibilis. Emerſio diu præterierat.
Aristarchus jam detectus.
partes lucidæ 3 rev. 220° hoc est

9	49"
11	26
12	19
13	52
15	26
16	13
17	27
18	43
19	56
21	1
21	25
22	9

Vix credo ex eclipsibus lunaribus differentiam meridianorum tuto erui.

temp. horol.	temp. corr.		
h	"	h	"
11	40	0	11
	40	40	

finis umbræ veræ, mihi.
finis, amico. tubo quadrantis 1½ ped.
finis, ex projectione amici.
finis, ex calendario correcto Lips.
finis, *suiwant* la Connoissance des temps.
finis, ex ephemeridibus Manfredii.

adhibita differentia meridianorum quam 1743 per merc. in sole determinavi, et qua utitur Acad. Parisin. in dicta *Connoissance*.

Diameter Lunæ micrometro =	11 142	hoc est	30' 57"
Hinc semidiameter Lunæ =	.	.	15 28½
Eadem, secundum Nicaſium Grammatici =	.	.	15 25
secundum J. Gauppium,	.	.	15 23
secundum calendarium Lipsienſe	.	.	15 32

Vide *Roff's* } Tab. 12.
Astronom. } Tab. 13.